

**Commonwealth of Kentucky**  
**Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: Esmail Hassanpour

GENERAL INFORMATION:

Name:	Cooper-Standard Automotive Inc
Address:	250 Oak Grove Drive, Mount Sterling, Kentucky 40353
Date application received:	May 08, 2006
SIC/Source description:	3052
Source ID #:	21-173-00030
Activity ID #:	APE20060001
Permit number:	V-03-041 (Revision 2)

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
_x_Minor	<input checked="" type="checkbox"/> Synthetic minor
_ Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☒ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

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COOPER-STANDARD AUTOMOTIVE  
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EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
PM	0.64	1.98
SO <sub>2</sub>	0.057	27.98
NO <sub>x</sub>	7.11	13.74
CO	1.99	9.28
VOC	87.4	225
LEAD	NA	NA

**CURRENT PERMITTING ACTION: MINOR PERMIT V-02-042 R2**

An application for a minor revision to Permit V-03-041 (Revision 1) was received from Cooper-Standard Automotive on May 08, 2006. The source requested to add a new parts washer to the existing insignificant activities list (Section C). There will be no significant change in emissions from the addition of this new parts washer.

**PAST PERMITTING ACTION: INITIAL SOURCEWIDE PERMIT V-02-042 R1**

Cooper – Standard Automotive applied to the Division for Air Quality for renewal of their Title V permit (V-03-41) and permit was issued on December 8, 2003 and will expire on December 8, 2008. On December 9, 2003 the Cooper Standard Automotive submitted a voluntary self disclosure for factual errors in the plant's air permit in which two 12.6 mmBtu/hr boilers were installed in place of the two 9.21 mmBtu/hr boilers that were included in the plant's permit for emission unit 1 and 2.

The plant produces automotive reinforced rubber hose and Multi-Layered Plastic Tubing (MLT) in various diameters, lengths, and shapes. The main raw materials involved in hose production are rubber and reinforcing yarn. Secondary raw materials include adhesive and lubricant. The raw material involved in the MLT production is plastic pellets. The processes involved in reinforced rubber hose production include the extrusion of rubber on the Knit/Spiral Hose Lines #1, #2, and #3, printer stations for the customer, adhesive application operations, rubber curing in the Autoclaves, and the hose finishing operations. Un-reinforced scrap rubber is processed on an off-line mill for reuse in production. The processes involved in the MLT production include plastic extrusion and forming. Steam generated by two boilers are used to cure the rubber reinforced hoses and for the MLT forming operations.

**EMISSION AND OPERATING CAPS DESCRIPTION:**

The annual emissions cap for volatile organic compounds is 225 tons per year.  
The carbon disulfide source-wide allowable shall not equal or exceed 56.0 pounds per hour and the trimethylbenzene allowable shall not equal or exceed 3.78 pounds per hour.

**OPERATIONAL FLEXIBILITY:**

None